

## AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

Claims 1-43 (canceled)

44. (previously presented) A method of providing a food product, comprising:  
providing a food product for human consumption, wherein the product is fortified with at least one of an isolated cytokinin and a cytokinin-containing composition; and  
providing an information that associates cytokinin content of the fortified food product with modulation of glucose metabolism and optionally further with modulation of lipid metabolism.
45. (previously presented) The method of claim 44 wherein the cytokinin comprises a purine portion or a pyrimidine portion.
46. (previously presented) The method of claim 44 wherein the cytokinin is selected from the group consisting of a naturally occurring cytokinin, a synthetic cytokinin, and a cytokinin glycoside.
47. (previously presented) The method of claim 44 wherein the product is selected from the group consisting of a cereal product, a snack bar, a prefabricated meal, a beverage, and a nutritional supplement.
48. (previously presented) The method of claim 44 wherein the cytokinin is present in an amount of at least 0.5 mg per serving size or of at least 0.5 mg per recommended daily dose.
49. (previously presented) The method of claim 44 wherein the cytokinin is selected from the group consisting of kinetin, zeatin, dihydrozeatin, and acetylguanine.
50. (previously presented) The method of claim 44 wherein at least a portion of the cytokinin-containing composition is prepared from at least one of a plant seed, a plant sprout, and an algae.

51. (withdrawn) A food product that is associated with a first information that the product includes a cytokinin, and wherein the product is further associated with a second information that the cytokinin modulates glucose metabolism and optionally further modulates lipid metabolism.
52. (withdrawn) The food product of claim 51 wherein the cytokinin comprises a purine portion or a pyrimidine portion.
53. (withdrawn) The food product of claim 51 wherein the first information comprises a printed information that is located on a packaging element of the food product.
54. (withdrawn) The food product of claim 51 wherein the second information comprises a printed information that is located on a packaging element of the food product.
55. (withdrawn) The food product of claim 51 wherein at least one of the first and second information is associated with the product via an advertisement.
56. (withdrawn) The food product of claim 55 wherein the advertisement is selected from the group consisting of a printed publication, a television ad, an Internet ad, and a radio ad.
57. (withdrawn) A method of providing a food product, comprising determining a cytokinin content of the product, optionally increasing the cytokinin content, and providing the determined cytokinin content to a consumer.
58. (withdrawn) The method of claim 57 wherein the cytokinin content is increased by combining the food product with an isolated cytokinin.
59. (withdrawn) The method of claim 58 wherein the isolated cytokinin is selected from the group consisting of a naturally occurring cytokinin, a synthetic cytokinin, and a cytokinin glycoside.
60. (withdrawn) The method of claim 57 wherein the cytokinin content is increased by combining the food product with a cytokinin-containing composition.

61. (withdrawn) The method of claim 58 wherein at least a portion of the cytokinin-containing composition is prepared from at least one of a plant seed, a plant sprout, and an algae.
62. (withdrawn) The method of claim 57 wherein the increased cytokinin concentration is sufficient to modulate at least one of glucose metabolism and lipid metabolism.
63. (withdrawn) The method of claim 57 wherein the food product is selected from the group consisting of a cereal product, a snack bar, a prefabricated meal, a beverage, and a nutritional supplement.